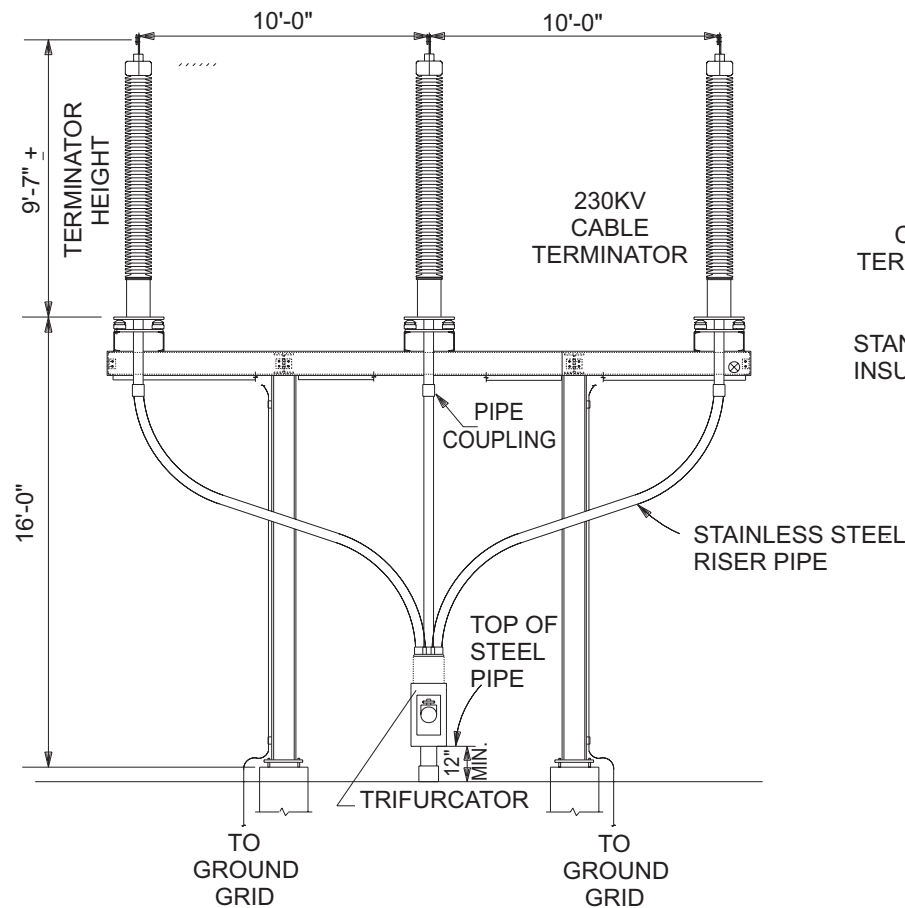
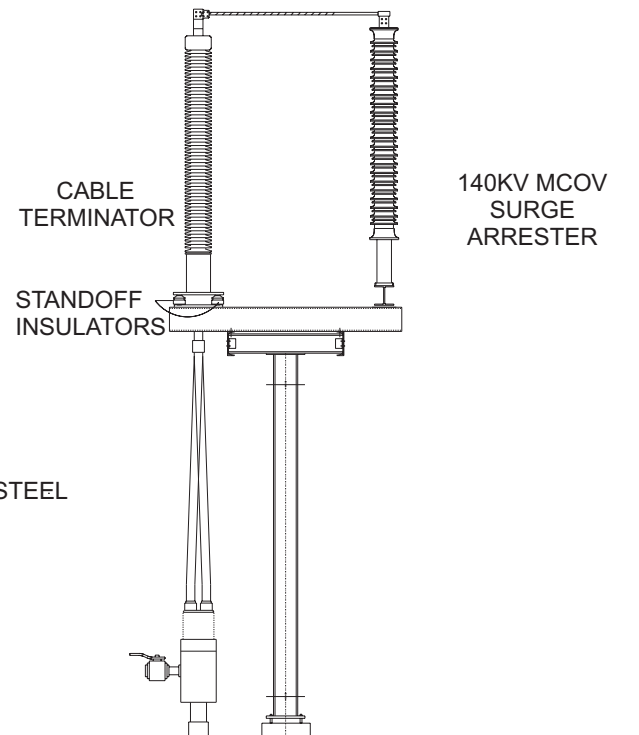


Air Insulated Substation -- Breaker & One Half - East / West
Metcalf Energy Center



ELEVATION



ELEVATION

SCALE: 1/2" = 1'-0"



N:\DGN\CLIENTS\CLPINE\ 172012\CBLTERM2

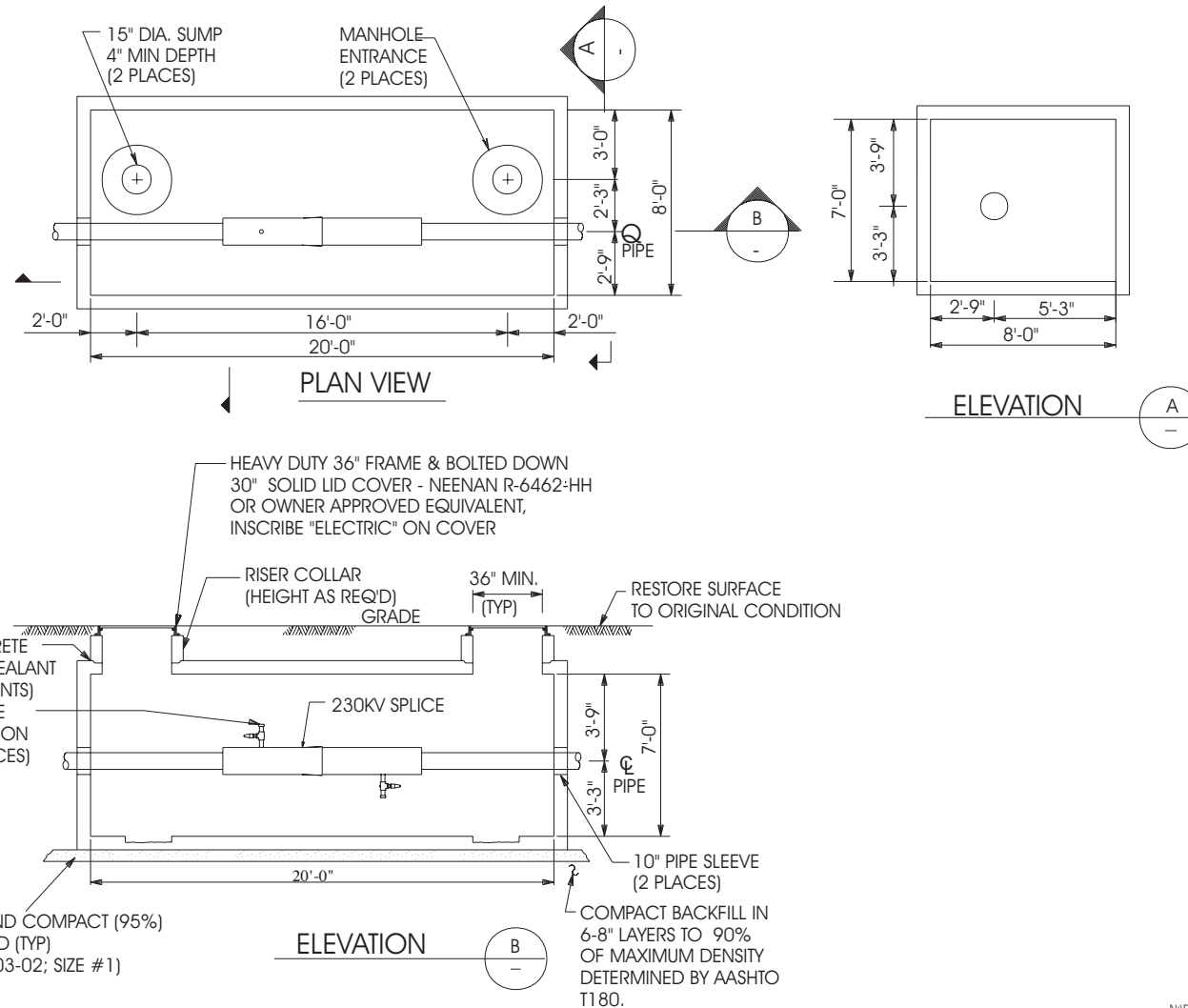
Typical 230 kV Cable Termination Inside Substation

Metcalf Energy Center



Prepared by
Commonwealth Associates Inc.
Jackson, Michigan
3/16/99
engineers consultants construction managers

Figure 5.2-7



N:\DGN\CLIENTS\CLP\INE\172012\MANHOLE2.DGN

Typical 230 kV Splicing Manhole

Metcalf Energy Center

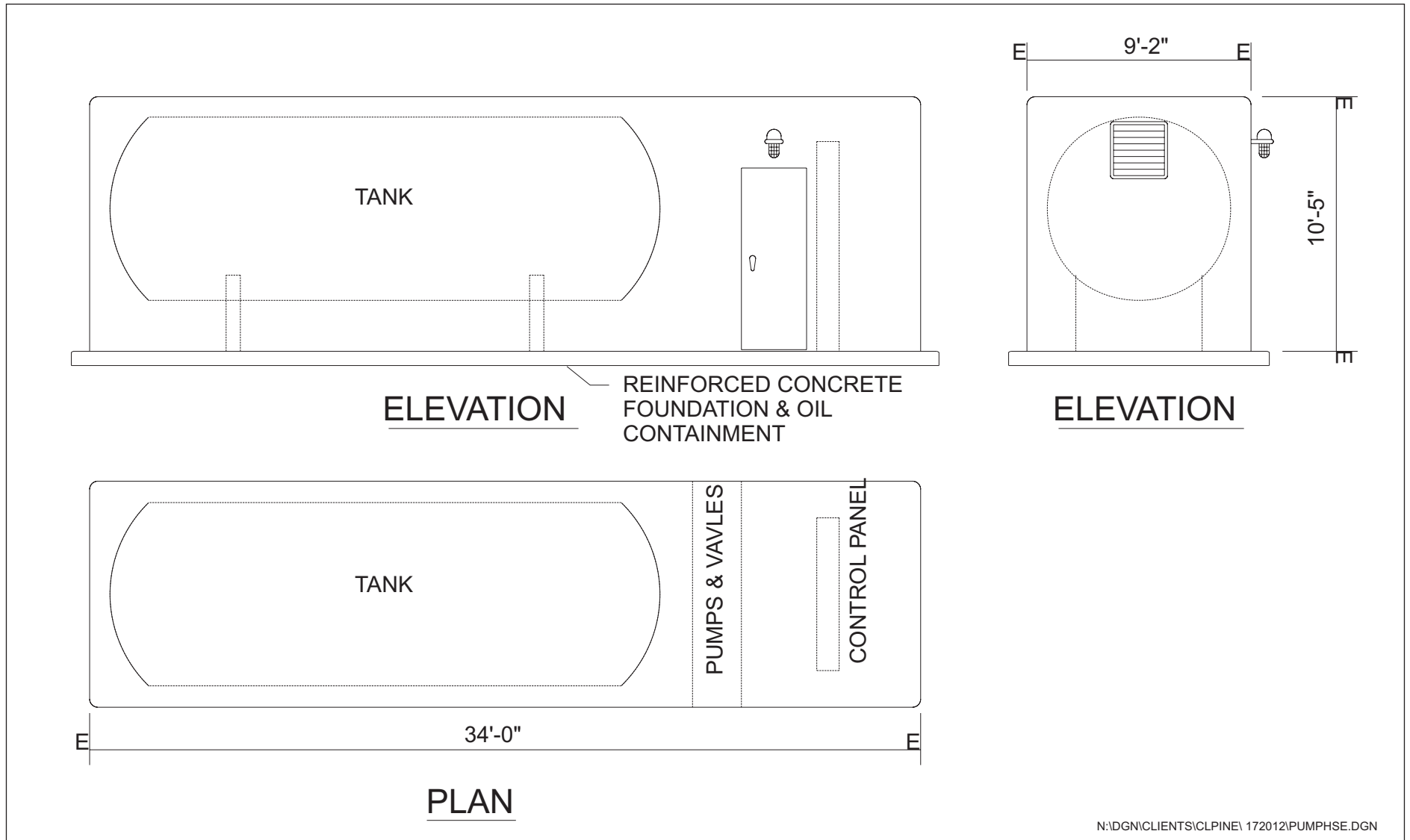


Prepared by
Commonwealth Associates Inc.

Jackson, Michigan

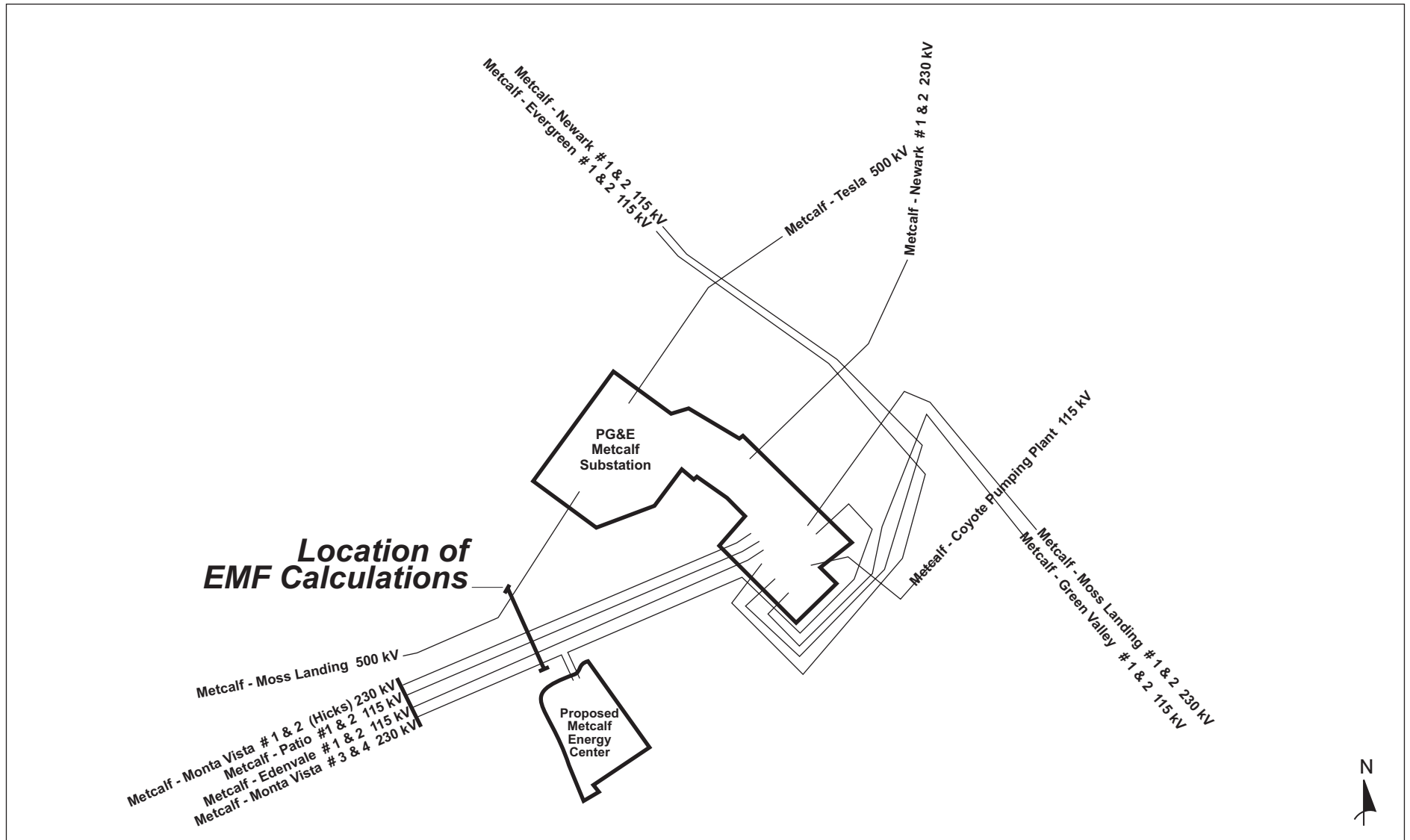
3/16/99
engineers consultants construction managers

Figure 5.2-8



Typical Fluid Pressurizing Station, High-Pressure Fluid-Filled Cable

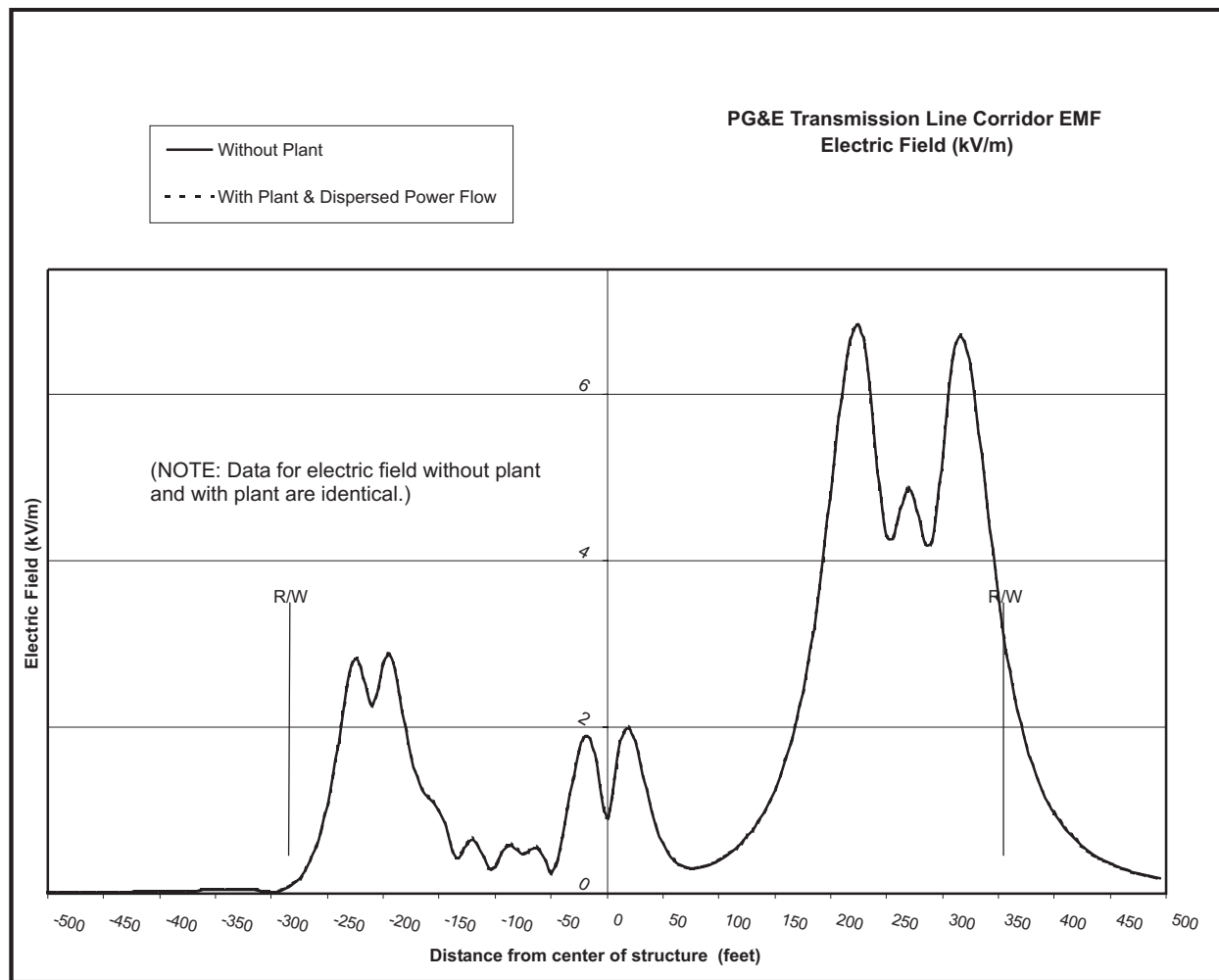
Metcalf Energy Center



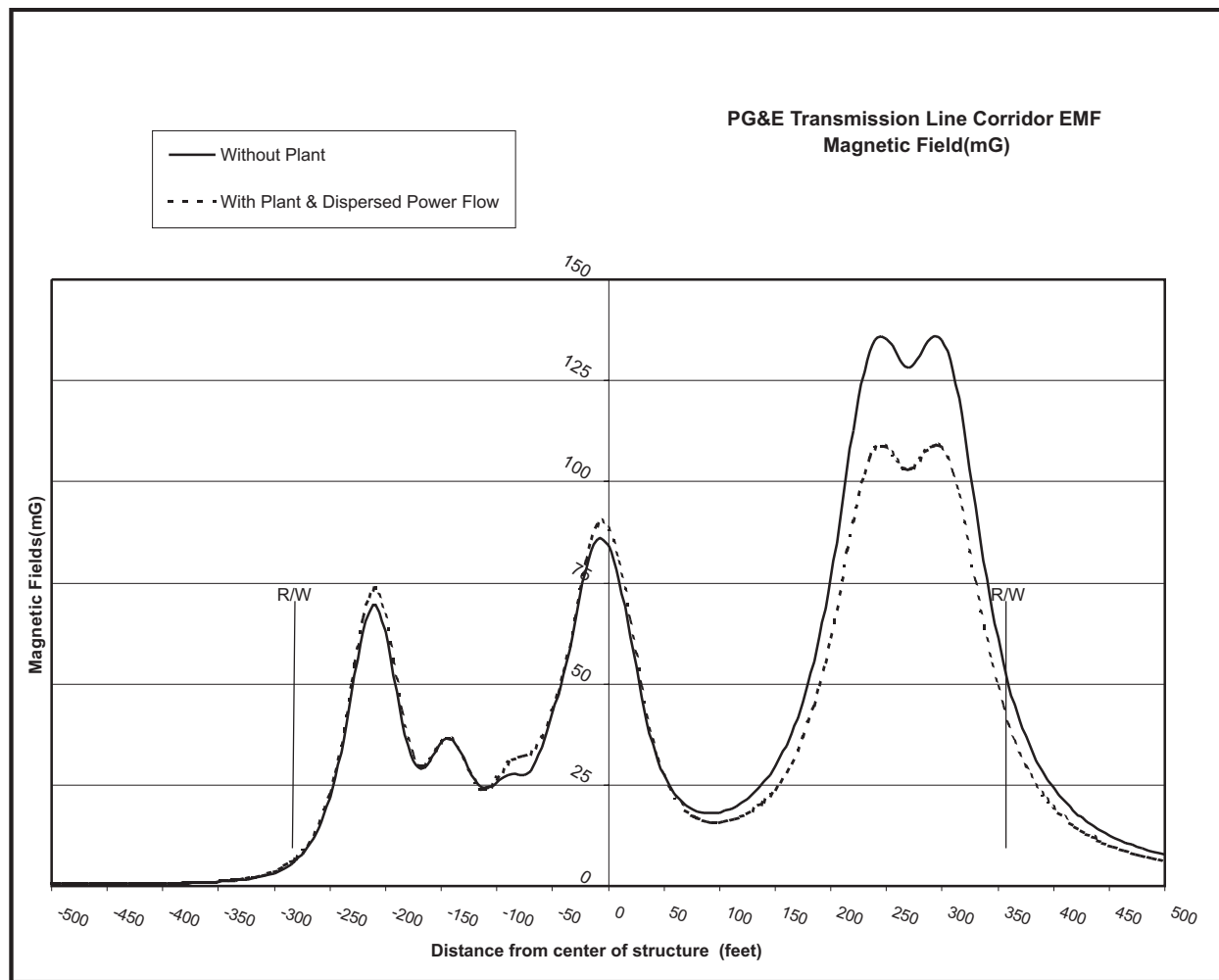
Transmission Lines at PG&E Metcalf Substation

Metcalf Energy Center

Figure 5.5-1



**Electric Field Within Right-of-Way
PG&E Transmission Corridor Adjacent to Proposed Energy Center
Metcalf Energy Center**



**Magnetic Field Within Right-of-Way
PG&E Transmission Corridor Adjacent to Proposed Energy Center
Metcalf Energy Center**